/ ..._{PTO-}550-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

T1 '	· . C		E	
i nis	interference	invoives	္	parties

PARTY (#l)Goodchild et∴al	SERIAL NO	FILING DATE 11/23/9	1	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
If application has been patented, have main		Yes	_No	XX Maintenance fees not	due yet	
**Accorded the benefit of:		IFILING DATE		PATENT NO., IF ANY	JISSUE DATE, IF ANY	
COUNTRY	SERIAL NO.	FIGNG DATE		TATERT NO., II ATT	10002 07772,111747	
See Attachment						
		<u> </u>				
	·					
			C.			
The claim(s) of this party which correspond	(s) to this count is(are):	<u> </u>	لل			
The claim(s) of this party which correspond PATENTABLE CLAIMS 54-56,		UNPATENTABLE	CLAIMS			
17-19, 21-25, 27,	<u> </u>	1		none		
The claim(s) of this party which does(do) no PATENTABLE CLAIMS	of correspond to this count is(are)	t is(are): UNPATENTABLE CLAIMS				
none		none	е		•	
	SERIAL NO.	FILING DATE	ikolokisistovisen	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
PARTY (#3) Cohen et al.	07/976,777	11/16/92		5,286,717	02/15/94	
If application has been patented, have main		Yes		XX Maintenance fees not		
**Accorded the benefit of:	nonanio ioos pon para.					
COUNTRY	SERIAL NO.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY	
See Attachment		<u> </u>				
						
		 				
		<u> </u>			<u> </u>	
The claim(s) of this party which correspond PATENTABLE CLAIMS	(s) to this count is(are):	IUNPATENTABLE (CLAIMS			
1-20		none				
The claim(s) of this party which does(do) no	of correspond to this count is(are)		OI AIRAC		*	
patentable claims none		IUNPATENTABLE (•	
	ໂນເລັດເລັດເຂົ້ານວ່າມສຳເນັກເກັນເລັດເລີກລັນເລັດເຄົາເຄົາເ	o hood oo haalaa haalaa haa	ນາກົນນັນນະການນຸນ	imbadiniminiminiminiminiminimi		
1. For every patent involved in t	ha intarfaranca, chack if t	Instruction		contacting the MAIN	TTENANCE FEE	
DEPARTMENT at 308-5069	If fees are due and they	have not been pa	id the in	terference cannot be	declared since it would	
involve an expired patent (35					} \ .	
2. For each party, separately ide	` ''	•	ns which	correspond to the cor	int.	
(37 CFR 1.601 (f), 1.601 (n),		•	•	•		
3. For each party, separately ide	ntify the patentable and ur	npatentable clain	ns which	do not correspond to	the count	
(37 CFR 1'.609(b)(3)).						
4. Forward all files including the	ose the benefit of which is	being accorded.		•		
5. Keep a copy of the Interference	ce Initial Memorandum as	nd any attachmer	nts for yo	our records.		
All inform	All information requested below must be attached on (a) separate sheet(s) and type-written.					
6. On a separate sheet, set forth					y the same word for word	
as this count, please indicate	the party, application or p	atent number, ai	nd the cla	im number.		
7. For each claim designated as invention (37 CFR 1.609(b)(2)		nt, provide an ex	planation	of why each claim d	efines the same patentable	
18. For each claim designated as	••	anunt provida a	n avalana	tion of why each clai	m defines a conomita	
patentable invention (37 CFF		count, provide at	пехріана	don or why each clar	in dernies a separate	
9. For each additional count, if		additionally pr	ovide an	explanation why each	count represents a	
separate patentable invention	from every other count (3	37 CFR 1.609(b)	(1)).	•	• •	
DATE PRIMARY	EXAMINER (Signature)	the legit	LEPHONE		ART UNIT	
l	ohn Kight III γ		703	-308 020 4	1211	
DATE GROUP D	RECTOR SIGNATURE (if require	×d)				
			· ,	<u> </u>		
The serial number and filing date of each application if there are intervening applicat		s intended to be accor	rded must be	e listed. It is not sufficient to	merely list the earliest	

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

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... rTO-350-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

hie interterence involves (1)	parties
This interference involves 5	partic

PARTY (#1) Goodchild e	serial NO. t al 08/346,270	FILING DATE 11/23/	PATENT NO.,	IF ANY IS	SUE DATE, IF ANY
If application has been patented, have		Yes	NoXX_Maintenar	nce fees not due	yet
**Accorded the benefit of: COUNTRY	ISERIAL NO.	IFILING DATE	IPATENT NO.,	IF ANY IS	SUE DATE, IF ANY
See Attachmen	L				

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			C,		
The claim(s) of this party which corre	espond(s) to this count is (are): $21-25$, 27 , $44-4$	6. UNDATENTARI S	CI AIMS		
48-52, 54-56, 58		non			
The claim(s) of this party which does) :	·····			
PATENTABLE CLAIMS NONE		(UNPATENTABLE NOT			
PARTY	SERIAL NO.	FILING DATE	PATENT NO.		SUÉ DATE, IF ÁNÝ
(#4) Cohen et a					11/23/94
If application has been patented, have "Accorded the benefit of:	re maintenance fees been paid?	Yes	No XX Maintena	nce fees not due	усі
COUNTRY	SERIAL NO.	FILING DATE	PATENT NO.,	IF ANY IS	SUE DATE, IF ANY
See Attachmen	t				
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Y		1			······································
The claim(s) of this party which correspond(s) to this count is(are): PATENTABLE CLAIMS 1-48 IUNPATENTABLE CLAIMS none					
	(do) not correspond to this count is(are		~		
PATENTABLE CLAIMS none		IUNPATENTABLE	claims none		•
	antinited and antimion hash which and antimion hash and	***************************************	ະກົນກຳນາໃນນຳກອົນທັກກາໂລສໂຄນໂລນໂລນໂລນ	Service Servic	And not national and reduction hand not resident for each well
DEPARTMENT at 308-	I in the interference, check if t 5069. If fees are due and they at (35 USC 135(a); 37 CFR 1.6	have not been p	en paid by contacting	the MAINTE annot be dec	ENANCE FEE clared since it would
	y identify the patentable and u	•	ms which correspond	to the count.	• •
	y identify the patentable and u	inpatentable clai	ms which do not corn	espond to the	count
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng those the benefit of which is	s being accorde	<u>i.</u>		
	erence Initial Memorandum a				
All in	formation requested below m	ust be attache	d on (a) separate she	et(s) and typ	e-written.
6. On a separate sheet, set if as this count, please indi	forth a single proposed interfer cate the party, application or p	rence count. If	any claim of any party and the claim number.	is exactly th	e same word for word
7. For each claim designate	ed as corresponding to the cour				es the same patentable
	ed as not corresponding to the	count, provide	nn explanation of why	each claim o	lefines a separate
patentable invention (37		addistantile			
separate patentable inver	at, if any, repeat steps 2-6 and, ntion from every other count (MARY EXAMINER (Signature)	37 CFR 1.609(b	rovide an explanation)(1)). ELEPHONE NO.		RT UNIT
0 7/ 22/96	John Kight III	n karhta	703-308-020	l l	1211
1	OUP DIRECTOR SIGNATURE (if require				
*The serial number and filing date of	of each application the benefit of which is	s intended to be acc	orded must be listed. It is no	t sufficient to me	rely list the earliest

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

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, rTO-550-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

- ·				
hie	interference	involves		partie
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PARTY (#1)Goodchild et al.		FILING DATE 11/23	/94	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
If application has been patented, have mainted	Yes	No	XX Maintenance fees not d	ue yet		
"Accorded the benefit of: COUNTRY	ISERIAL NO.	IFILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY	
See attachment				•		
bee accaciment			·			
	:					
			١,			
The claim(s) of this party which correspond(s) to this count is (are): PATENTABLE CLAIMS 17-19, 21-25, 27, 44- UNPATENTABLE CLAIMS 46, 48-52, 54-56, 58, 61 & 64 none						
The claim(s) of this party which does(do) not PATENTABLE CLAIMS NONE	correspond to this count is(are):	UNPATENTABL	E CLAIMS	none		
PARTY	SERIAL NO.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY	
(#5) Cohen et al.	07/159,017	02/22/	88	5,276,019	01/04/94	
If application has been patented, have mainte	enance fees been paid?	Yes	No	XX Maintenance fees not d	ue yet	
**Accorded the benefit of: COUNTRY	SERIAL NO.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY	
See attachment						
			-			
The claim(s) of this party which correspond(s) PATENTABLE CLAIMS $1-43$		IUNPATENTABL	E CLAIMS	none		
The claim(s) of this party which does(do) not PATENTABLE CLAIMS none	correspond to this count is(are):	(UNPATENTABL	E CLAIMS	none		
1. For every patent involved in the DEPARTMENT at 308-5069. involve an expired patent (35 l	e interference, check if th If fees are due and they h	nave not been	en paid by			
2. For each party, separately ident (37 CFR 1.601 (f), 1.601 (n), 1	ify the patentable and un	•	ims which	correspond to the cour	nt.	
3. For each party, separately ident (37 CFR 1.609(b)(3)).		patentable cla	ims which	do not correspond to t	he count	
4. Forward all files including thos	e the benefit of which is	being accorde	<u>xd.</u>			
15. Keep a copy of the Interference						
All informat	ion requested below mu	ist be attache	ed on (a) se	parate sheet(s) and t	ype-written.	
 On a separate sheet, set forth a as this count, please indicate th 					the same word for word	
7. For each claim designated as corresponding to the count, provide an explanation of why each claim defines the same patentable invention (37 CFR 1.609(b)(2)).						
18. For each claim designated as no patentable invention (37 CFR)		ount, provide	an explana	tion of why each clain	n defines a separate	
	9. For each additional count, if any, repeat steps 2-6 and, additionally, provide an explanation why each count represents a separate patentable invention from every other count (37 CFR 1.609(b)(1)).					
DATE PRIMARY EX	AMINER (Signature)		TELÉPHONE	NO.	ART UNIT	
07/22/96 John DATE GROUP DIR	Kight III WW ECTOR SIGNATURE (if required	n Keyleth	703-30	8-0204	1211	
The serial number and filing date of each a application if there are intervening application	pplication the benefit of which is as necessary for continuity.	intended to be acc	corded must be	e listed. It is not sufficient to a	merely list the earliest	
	•	HERE ARI	E MORE	THAN TWO IN	TERFERING PARTIES.	
De /4/2/2					Page 3 of 6	
- 1-1-3/35						

• rTO-350-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

This	interference	involves	5	partie

PARTY (#2) Gpodchild et al	SERIAL NO. 07/882,073	FILING DATE 05/12/92	PATENT NO., IF, ANY	ISSUE DATE, IF ANY
If application has been patented, have maint	enance fees béen paid?	YesNo	XX Maintenance fees not	due yet
**Accorded the benefit of: COUNTRY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
See Attachment				
	r			
		٠,		
The claim(s) of this party which correspond(separentable claims 17-21 ar	a) to this count is(are): 1d 23	UNPATENTABLE CLAIMS	none	
The claim(s) of this party which does(do) not PATENTABLE CLAIMS NONE	none			
PARTY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
(#3) Cohen et al.	07/976,777	11/16/92	5,286,717	02/15/94
If application has been patented, have maint	enance fees been paid?	YesNo	XX Maintenance fees not	due yet
**Accorded the benefit of: COUNTRY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
See Attachment				
The claim(s) of this party which correspond(s PATENTABLE CLAIMS 1-20		IUNPATENTABLE CLAIMS	none	
The claim(s) of this party which does(do) not PATENTABLE CLAIMS NONE		: (UNPATENTABLE CLAIMS (none	
	ນໂສເທີນກໍານໂນເຈົ້າເປົກເກົາເກົາສົກລົກຄົນຄົນຄົນ -	Instructions	uvimindarianiminaterianiminateria	
1. For every patent involved in th DEPARTMENT at 308-5069. involve an expired patent (35	If fees are due and they I	have not been paid, the i	y contacting the MAIN interference cannot be	ITENANCE FEE declared since it would
2. For each party, separately iden		patentable claims which	h correspond to the cor	int.
(37 CFR 1.601 (f), 1.601 (n), 1 3. For each party, separately iden (37 CFR 1.609(b)(3)).		npatentable claims which	h do not correspond to	the count
4. Forward all files including tho	se the benefit of which is	being accorded.		
5. Keep a copy of the Interference	e Initial Memorandum an	ad any attachments for y	your records.	tuna muittan
6. On a separate sheet, set forth a		ence count. If any claim	of any party is exactly	
as this count, please indicate to 7. For each claim designated as of	corresponding to the coun			efines the same patentable
invention (37 CFR 1.609(b)(2)	•	ا د د د د د د د د د د د د د د د د د د د	ation of subsequently also	m defines a serverate
8. For each claim designated as r patentable invention (37 CFR	1.609(b)(3)).			•
9. For each additional count, if a separate patentable invention	from every other count (3)	7 CFR 1.609(b)(1)).	_	<u> </u>
·	XAMNER (Signature) n Kight (III)	TELEPHONE 703-	ENO. 308-0204	1211
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**The serial number and filling date of each	application the benefit of which is	Intended to be accorded must	be listed. It is not sufficient to	merely list the earliest

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

The 4/15/95

. PTO-350 (Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

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Thie	inter	terence	involves	5	parties
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PARTY #2') Goodchild et al.	SERIAL NO. 07/882,073	FILING DATE 05/12/92	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If application has been patented, have mainten		YesNo	_xxMaintenance fees not o	lue yet
**Accorded the benefit of: COUNTRY	ISERIAL NO.	IFILING DATE	IPATENT NO., IF ANY	ISSUE DATE, IF ANY
See attachment.	 	<u> </u>		
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			,	
The claim(s) of this party which correspond(s)	to this count is(are):			
PATENTABLE CLAIMS 17-21 and	d 23	JUNPATENTABLE CLAIM	none	
The claim(s) of this party which does(do) not		<u> </u>		
PATENTABLE CLAIMS NONE	UNPATENTABLE CLAIM	none		
11011e		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11011e	
PARTY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
(#4) Cohen et al.	07/973,733	11/16/92	5,264,423	11/23/93
If application has been patented, have mainter "Accorded the benefit of:	nance fees been paid?	YesNo	XXMaintenance fees not o	lue yet
COUNTRY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
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			, , , , , , , , , , , , , , , , , , ,	
The claim(s) of this party which correspond(s) PATENTABLE CLAIMS 1-48		IUNPATENTABLE CLAIM	IS	
1-48		1	none	
The claim(s) of this party which does(do) not of			······································	
PATENTABLE CLAIMS none		IUNPATENTABLE CLAIM	none	•
	າດກ່ອນວ່າເວົ້າເທື່າເບົ້າເຄົາເຄົາເຄົາເລົ່າເວົ້າເຄົາເຄົາເຄົາເ	Instructions	uintinuinnin koloniusianiusianiusianiusianiusi	
1. For every patent involved in the	interference, check if th		d by contacting the MAIN	TENANCE FEE
DEPARTMENT at 308-5069. I	if fees are due and they h	nave not been paid, the	he interference cannot be	leclared since it would
involve an expired patent (35 U				<u> </u>
2. For each party, separately identi		patentable claims wi	hich correspond to the cou	nt.
(37 CFR 1.601 (f), 1.601 (n), 1.6				
3. For each party, separately identi	fy the patentable and un	patentable claims wi	hich do not correspond to	the count
(37 CFR 1:609(b)(3)). 4. Forward all files including those	s the honefit of which is i	haing accorded		
			· ·	
5. Keep a copy of the Interference	initial Memorandum and	d any attached on (or your records. a) separate sheet(s) and t	vne_written
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6. On a separate sheet, set forth a sa this count, please indicate the				the same word for word
7. For each claim designated as co	rresponding to the count			fines the same patentable
invention (37 CFR 1.609(b)(2))				
 For each claim designated as no patentable invention (37 CFR 1 		ount, provide an exp	lanation of why each clair	n defines a separate
9. For each additional count, if an			an explanation why each	count represents a
separate patentable invention fr	om every other count (37	/ CFR 1.609(b)(1)). // / / // // // // // // // // // // //	ONE NO.	JART UNIT
	n Kight III	// 1- ///	-308-9 204	1211
	CTOR SIGNATURE (if required	-1 PS-1/V/1/2-1		1
	. /	′		
**The serial number and filing date of each ap		intended to be accorded m	rust be listed. It is not sufficient to	merely list the earliest

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

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APTO-550-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

BOARD OF THE ENT TO	LEADS AND II	This interfer		es <u>5</u>	parties	
PARTY #2') Goodchild (serial No.	o. /882 , 073	FILING DATE 05/12/	92	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If application has been patented, ha	ve maintenance fees l	been paid?	Yes _	No	XXMaintenance fees not	due yet
**Accorded the benefit of: COUNTRY	ISERIAL N	O	IFILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
See attachmen						
		:	·			
				(,		
The claim(s) of this party which compATENTABLE CLAIMS 17 –	espond(s) to this coun 21 and 23		 UNPATENTABL	E CLAIMS	none	
The claim(s) of this party which doe PATENTABLE CLAIMS NON	•		UNPATENTABL	E CLAIMS	none	
PARTY	SERIAL N	O.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
(#5) Cohen et a	a1. $07/1$	59,017	02/22	/88	5,276,019	01/04/94
If application has been patented, ha		been paid?	Yes	No :	XXMaintenance fees not	due yet
**Accorded the benefit of: COUNTRY	SERIAL N	0 .	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
See attachmen	t.]			
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			ļ 1			
The claim(s) of this party which com PATENTABLE CLAIMS 1-43	espond(s) to this coun		IUNPATENTABL	E CLAIMS	none	
The claim(s) of this party which doe PATENTABLE CLAIMS NONE			(UNPATENTABL	E CLAIMS	none	
Instructions 1. For every patent involved in the interference, check if the fees have been paid by contacting the MAINTENANCE FEE DEPARTMENT at 308-5069. If fees are due and they have not been paid, the interference cannot be declared since it would involve an expired patent (35 USC 135(a); 37 CFR 1.606). 2. For each party, separately identify the patentable and unpatentable claims which correspond to the count. (37 CFR 1.601 (f), 1.609 (b)(2)). 3. For each party, separately identify the patentable and unpatentable claims which do not correspond to the count (37 CFR 1.609(b)(3)). 4. Forward all files including those the benefit of which is being accorded. 5. Keep a copy of the Interference Initial Memorandum and any attachments for your records. All information requested below must be attached on (a) separate sheet(s) and type-written. 6. On a separate sheet, set forth a single proposed interference count. If any claim of any party is exactly the same word for word as this count, please indicate the party, application or patent number, and the claim number. 7. For each claim designated as corresponding to the count, provide an explanation of why each claim defines the same patentable invention (37 CFR 1.609(b)(2)). 8. For each claim designated as not corresponding to the count, provide an explanation of why each claim defines a separate patentable invention (37 CFR 1.609(b)(3)).						
	MARY EXAMINER (S	gnature)	1 /2 /1	TELEPHONE		ARTUNIT
	John Kight	111 (66)	in Child	703-	308-0204	1211
DATE GR	OUP DIRECTOR SIG	NATURE (if required			·	

The serial number and filling date of each application the benefit of which is Intended to be accorded must be listed. It is not sufficient to merely list the earliest application it there are intervening applications necessary for continuity.

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

In/1/1/18